

Message Text

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PAGE 01 STATE 213543

54

ORIGIN EB-07

INFO OCT-01 ARA-10 EUR-12 ISO-00 AID-05 DOTE-00 DODE-00

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DRAFTED BY EB/TD:GLHUFFCUTT:PB

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ARA/CAR - MR. PALAZZOLO

AID/OFDA - SWGUTH (INFO)

DOT/USCG - COMMANDANT (INFO)

DOD - MR. NELSON (INFO)

USGS - MR. FLEMMINGINFO)

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FM SECSTATE WASHDC

TO AMCONSUL MARTINIQUE NIACT IMMEDIATE

INFO AMEMBASSY PARIS

UNCLAS STATE 213543

E.O. 11652: N/A

TAGS: ETEL, GP

SUBJECT: RADIO FREQUENCY REQUIREMENTS FOR VOLCANO STUDIES
ON GUADELOUPE

1. GUADELOUPE PREFET JEAN-CLAUDE AUROUSSEAU HAS REQUESTED
LOS ALAMOS SCIENTIFIC LABORATORY (LASL) TO AUGMENT DATA
COLLECTION ON VOLCANO ACTIVITY.

2. LASL PROPOSES THAT PORTABLE TILT-METER STATIONS (TO
MEASURE CHANGES IN EARTH CONTOUR) BE LOCATED ON ISLAND OF
BASSE TERRE WITHIN RADIUS OF 20 KILOMETERS OF LATITUDE 16
DEGREES 4 MINUTES NORTH AND LONGITUDE 61 DEGRESS 40 MINUTES
WEST AT ALTITUDES FROM SEA LEVEL TO ONE THOUSAND METERS.
MAXIMUM OF FIVE RADIO TRANSMITTERS PLANNED FOR TELEMETERING
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PAGE 02 STATE 213543

OF DATA. MAXIMUM POWER OUTPUT OF EACH TRANSMITTER IS 500

MILLIWATTS OPERATING INTO FIVE-ELEMENT YOGI ANTENNAS WITH GAIN OF 7DB. EMISSIONS IS 16F9. BATTERY PACKS USED FOR POWER. RADIO FREQUENCY REQUIREMENTS, ALL MHZ, ARE 164,500,

164.750, 166.250, 169.000, 410.350, 411.200, 412.650, 413.850, AND 416.350.

3. MAXIMUM OF TWO RECEIVING STATIONS WILL BE UTILIZED WITHIN A RADIUS OF 20 KILOMETERS FROM LATITUDE 16 DEGREES 14 MINUTES NORTH AND LONGITUDE 61 DEGREES 30 MINUTES WEST.

4. FOR VOICE OPERATIONS FOR SAFETY PURPOSE, REQUEST CLEARANCE FOR USE OF 148.470 MHZ BY FOUR PORTABLE TRANSCEIVERS. EMISSION 16F3, POWER OUTPUT FIVE WATTS INTO OMNIDIRECTIONAL WHIP ANTENNAS.

5. REQUEST RADIO FREQUENCY AUTHORIZATIONS, AND VISIT CLEARANCE FOR APPROXIMATELY 12 PERSONS, EFFECTIVE AUGUST 29 THROUGH OCTOBER 15. ADVISE. KISSINGER

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